ABSTRACT OF THE DISCLOSURE

A casino resort management system collects patron data, manages patron data in a high performance data warehouse, shares patron data with other systems and reports vital patron information. The system particularly tracks machine history, including changes in location, configuration and performance, and tracks the location history, including game type and denomination, and allows for placards to be moved from one gaming machine to another without losing historical machine or location information. In addition, the system provides two particularly useful graphical displays that simplify visual analysis of the large amounts of data within a casino. One display method depicts tables of thin bar graphs that compactly allow side-by-side comparison of different groupings of machines and another display method depicts machines in three dimensions so that each dimension can provide visual information to a viewer.